



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12001495
SAU: MSAD 06
School: Bonny Eagle Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9
Science Results	10-12

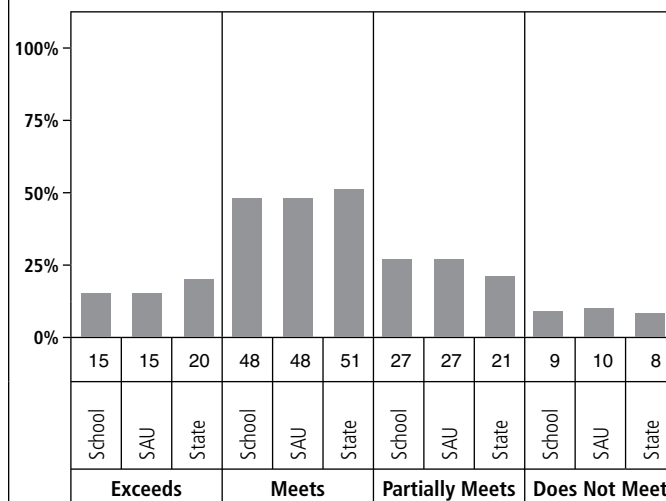
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

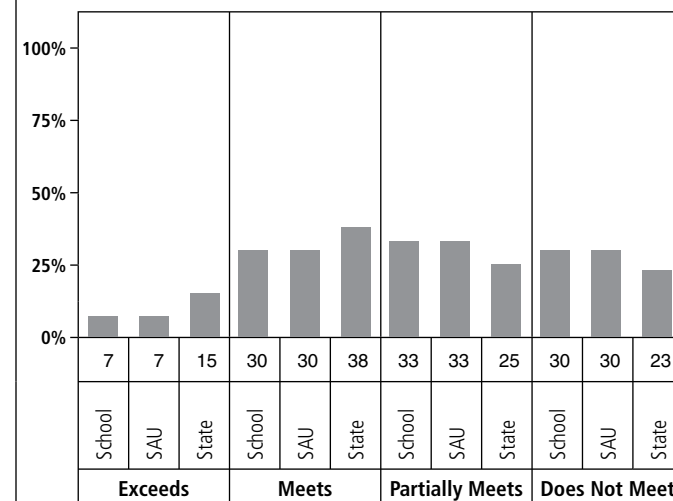
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	850	850	847
2007–2008	847	847	849
2008–2009	847	847	850
Cum. Avg.*	848	848	849
Mathematics			
2006–2007	841	841	842
2007–2008	839	839	841
2008–2009	837	837	843
Cum. Avg.*	839	839	842
Science			
2008–2009 **	843	843	846

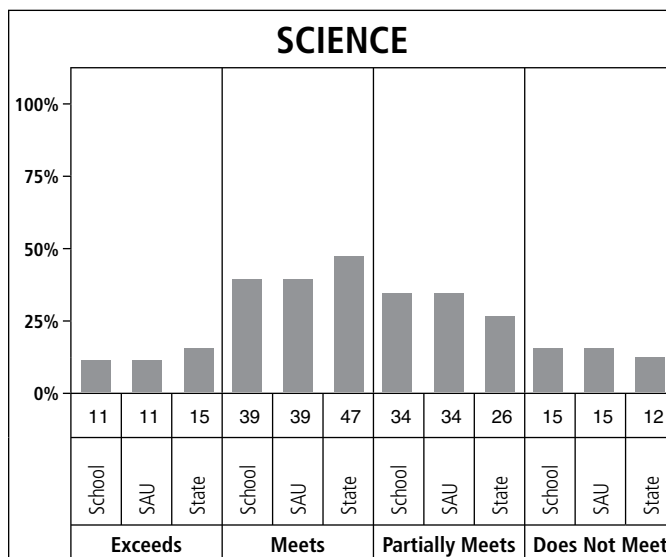
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Total number of students	292	100	294	100	14804	100	290	99	291	99	14659	99	290	99	291	99	14653	99	289	99	290	99	14626	99
Ethnicity African American/Black	5	2	6	2	377	3	5	100	6	100	366	97	5	100	6	100	371	98	5	100	6	100	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	4	1	4	1	238	2	4	100	4	100	232	97	4	100	4	100	234	98	4	100	4	100	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	283	97	284	97	13878	94	281	99	281	99	13756	99	281	99	281	99	13742	99	280	99	280	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	57	20	59	20	2489	17	55	96	56	97	2434	99	55	96	56	97	2424	98	55	96	56	97	2418	98
Current LEP	3	1	4	1	349	2	3	100	4	100	331	95	3	100	4	100	342	98	3	100	4	100	338	97
Economically disadvantaged	94	32	94	32	5460	37	93	99	93	99	5380	99	93	99	93	99	5377	99	93	99	93	99	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Participation without accommodations	236	81	236	80	12132	82	236	81	236	80	12124	82	235	80	235	80	12169	82
Identified disability (PET/IEP)	5	2	5	2	379	3	5	2	5	2	380	3	6	3	6	3	425	3
LEP	1	0	1	0	166	1	1	0	1	0	169	1	1	0	1	0	168	1
504 plan	2	1	2	1	200	2	2	1	2	1	200	2	2	1	2	1	202	2
Participation with accommodations	52	18	53	18	2349	16	52	18	53	18	2347	16	52	18	53	18	2288	15
Identified disability (PET/IEP)	48	92	49	92	1877	80	48	92	49	92	1862	79	47	90	48	91	1824	80
LEP	2	4	3	6	158	7	2	4	3	6	167	7	2	4	3	6	165	7
504 plan	2	4	2	4	70	3	2	4	2	4	70	3	2	4	2	4	66	3
Other	1	2	1	2	292	12	1	2	1	2	297	13	2	4	2	4	280	12
Participation through alternate assessment (PAAP)	2	1	2	1	178	1	2	1	2	1	182	1	2	1	2	1	169	1
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	182	100	2	100	2	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	1	0	32	0	0	0	1	0	34	0	0	0	1	0	38	0
Non-participation – other	2	1	2	1	113	1	2	1	2	1	117	1	3	1	3	1	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	78	23	78	23	2407	16
	2007-2008	52	17	52	17	3428	23
	2008-2009	43	15	43	15	2857	20
	Cum. Total*	173	19	173	18	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	160	47	161	47	7494	49
	2007-2008	152	50	152	50	7179	48
	2008-2009	139	48	139	48	7431	51
	Cum. Total*	451	48	452	48	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	70	21	70	21	3628	24
	2007-2008	58	19	58	19	2706	18
	2008-2009	79	27	79	27	2979	21
	Cum. Total*	207	22	207	22	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	29	9	32	9	1810	12
	2007-2008	44	14	44	14	1611	11
	2008-2009	27	9	28	10	1214	8
	Cum. Total*	100	11	104	11	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	33.9	60.5	33.8	60.4	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.8	59.0	11.8	59.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	22.1	61.4	22.0	61.1	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 06
 School: Bonny Eagle Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	288	43	15	139	48	79	27	27	9	847	289	15	48	27	10	847	14481	20	51	21	8	850
Ethnicity																						
African American/Black	5	2	40	0	0	1	20	2	40	840	6	33	0	17	50	833	362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	4										4						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	279	41	15	139	50	75	27	24	9	848	279	15	50	27	9	848	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	53	0	0	6	11	27	51	20	38	832	54	0	11	50	39	831	2256	2	25	40	34	834
No	235	43	18	133	57	52	22	7	3	851	235	18	57	22	3	851	12225	23	56	17	4	853
Current LEP																						
Yes	3										4						324	5	34	36	26	838
No	285	43	15	139	49	77	27	26	9	848	285	15	49	27	9	848	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	92	9	10	42	46	25	27	16	17	843	92	10	46	27	17	843	5277	10	46	29	15	844
No	196	34	17	97	49	54	28	11	6	849	197	17	49	27	6	849	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	288	43	15	139	48	79	27	27	9	847	289	15	48	27	10	847	14476	20	51	21	8	850
Gender																						
Female	131	27	21	71	54	27	21	6	5	851	132	20	54	20	5	851	7074	25	51	18	6	852
Male	157	16	10	68	43	52	33	21	13	844	157	10	43	33	13	844	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	288	43	15	139	48	79	27	27	9	847	289	15	48	27	10	847	13624	20	52	20	8	850
Gifted/talented program																						
Yes	22	16	73	6	27	0	0	0	0	867	22	73	27	0	0	867	700	69	30	1	0	867
No	266	27	10	133	50	79	30	27	10	846	267	10	50	30	10	846	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	9	0	0	7	28	9	36	9	36	835	9	0	28	36	36	835	8	8	39	29	24	841
B. less than one hour	57	19	12	84	51	52	32	9	5	847	57	12	51	32	6	847	51	17	53	22	8	849
C. one to two hours	28	20	25	41	51	14	17	6	7	851	28	25	51	17	7	851	36	24	52	18	5	852
D. more than two hours	6	4	25	5	31	4	25	3	19	847	6	25	31	25	19	847	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	25	25	35	33	46	11	15	2	3	856	25	35	46	15	3	856	31	35	50	11	4	856
B. good	47	15	11	72	54	38	29	8	6	848	47	11	54	28	7	847	47	16	55	21	7	849
C. fair	23	3	5	27	42	24	37	11	17	841	23	5	42	37	17	841	18	5	47	33	15	842
D. poor	6	0	0	5	31	5	31	6	38	834	6	0	31	31	38	834	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	26	17	23	35	48	18	25	3	4	852	25	23	48	25	4	852	32	27	54	14	5	853
B. They match some of what I have learned.	57	21	13	91	56	41	25	10	6	848	57	13	56	25	6	848	52	18	53	22	8	850
C. They match just a little of what I have learned.	14	5	13	10	25	18	45	7	18	841	14	12	24	44	20	840	12	11	45	29	15	844
D. There is no match.	3	0	0	1	10	2	20	7	70	826	3	0	10	20	70	826	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	20	7	12	23	40	18	32	9	16	843	20	12	40	32	16	843	15	13	42	28	17	844
B. about the same as my regular schoolwork	65	24	13	93	52	53	29	10	6	848	65	13	52	29	6	848	64	19	53	20	7	850
C. easier than my regular schoolwork	15	11	26	19	45	6	14	6	14	851	15	26	45	14	14	851	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	2	6	10	31	15	47	5	16	839	12	6	30	45	18	838	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	60	21	13	85	51	45	27	17	10	847	60	13	51	27	10	847	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	28	19	24	39	49	18	23	3	4	852	28	24	49	23	4	852	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	36	15	15	59	58	21	21	6	6	849	36	15	58	21	6	849	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	55	24	16	72	47	43	28	15	10	848	55	15	46	28	10	847	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	9	3	12	6	23	14	54	3	12	841	9	12	23	54	12	841	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	18	13	25	26	50	10	19	3	6	851	18	25	50	19	6	851	19	26	53	15	6	853
B. 20 minutes to an hour	29	19	23	38	45	22	26	5	6	850	30	22	45	26	7	850	40	25	52	17	6	852
C. less than 20 minutes	16	6	13	24	51	12	26	5	11	847	16	13	51	26	11	847	15	18	51	21	10	849
D. I rarely read at home.	36	5	5	49	48	34	33	14	14	843	36	5	48	33	14	843	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	39	29	26	54	49	26	23	2	2	853	39	26	49	23	2	853	42	27	51	15	6	853
B. agree	52	13	9	72	48	48	32	16	11	845	52	9	48	32	11	845	50	15	53	23	9	848
C. disagree	5	1	8	6	46	2	15	4	31	839	5	8	46	15	31	839	7	8	46	32	14	843
D. strongly disagree	4	0	0	4	33	3	25	5	42	834	4	0	33	25	42	834	2	6	39	35	21	840
Optional school/SAU question																						
A.	27	0	0	5	63	1	13	2	25	843	27	0	63	13	25	843						
B.	20	1	17	2	33	2	33	1	17	845	20	17	33	33	17	845						
C.	33	1	10	4	40	4	40	1	10	844	33	10	40	40	10	844						
D.	20	1	17	0	0	1	17	4	67	831	20	17	0	17	67	831						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	39	12	39	11	1952	13
	2007-2008	23	8	23	8	1657	11
	2008-2009	20	7	20	7	2116	15
	Cum. Total*	82	9	82	9	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	127	38	128	38	5870	38
	2007-2008	120	39	120	39	5956	40
	2008-2009	87	30	87	30	5443	38
	Cum. Total*	334	36	335	36	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	92	27	92	27	3982	26
	2007-2008	82	27	82	27	3729	25
	2008-2009	94	33	94	33	3556	25
	Cum. Total*	268	29	268	29	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	79	23	82	24	3534	23
	2007-2008	81	26	81	26	3579	24
	2008-2009	87	30	88	30	3356	23
	Cum. Total*	247	27	251	27	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	25.1	44.8	25.0	44.6	28.6	51.1
A. Number	8	14	2.9	36.3	2.9	36.3	3.7	46.3
B. Data	16	29	7.9	49.4	7.8	48.8	8.9	55.6
C. Geometry	12	21	4.3	35.8	4.3	35.8	5.0	41.7
D. Algebra	20	36	10.0	50.0	10.0	50.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	288	20	7	87	30	94	33	87	30	837	289	7	30	33	30	837	14471	15	38	25	23	843
Ethnicity																						
African American/Black	5	1	20	1	20	1	20	2	40	836	6	17	17	17	50	830	367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	4										4						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	279	19	7	85	30	92	33	83	30	837	279	7	30	33	30	837	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	53	1	2	1	2	8	15	43	81	817	54	2	2	15	81	817	2242	2	12	22	63	824
No	235	19	8	86	37	86	37	44	19	842	235	8	37	37	19	842	12229	17	42	25	16	846
Current LEP																						
Yes	3										4						336	6	18	26	51	829
No	285	20	7	86	30	93	33	86	30	837	285	7	30	33	30	837	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	92	1	1	30	33	25	27	36	39	833	92	1	33	27	39	833	5270	6	30	28	36	835
No	196	19	10	57	29	69	35	51	26	839	197	10	29	35	26	839	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	288	20	7	87	30	94	33	87	30	837	289	7	30	33	30	837	14466	15	38	25	23	843
Gender																						
Female	131	8	6	44	34	39	30	40	31	838	132	6	33	30	31	837	7070	15	39	25	22	843
Male	157	12	8	43	27	55	35	47	30	837	157	8	27	35	30	837	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	288	20	7	87	30	94	33	87	30	837	289	7	30	33	30	837	13614	15	38	24	22	843
Gifted/talented program																						
Yes	22	14	64	6	27	1	5	1	5	863	22	64	27	5	5	863	700	68	27	3	1	866
No	266	6	2	81	30	93	35	86	32	835	267	2	30	35	33	835	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	9	0	0	3	12	7	28	15	60	824	9	0	12	28	60	824	8	8	24	24	44	833
B. less than one hour	57	12	7	47	29	61	37	44	27	838	57	7	28	37	27	838	51	12	38	26	23	842
C. one to two hours	28	8	10	27	33	25	31	21	26	839	28	10	33	31	26	839	36	19	40	23	19	845
D. more than two hours	6	0	0	8	50	1	6	7	44	833	6	0	50	6	44	833	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	26	11	15	30	42	17	24	14	19	845	26	15	42	24	19	845	28	33	41	15	11	852
B. good	47	9	7	39	30	50	38	32	25	838	47	7	30	38	25	838	45	11	43	25	21	842
C. fair	22	0	0	10	16	24	39	28	45	829	23	0	16	38	46	828	21	3	27	35	35	834
D. poor	5	0	0	1	7	2	14	11	79	821	5	0	7	14	79	821	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	22	6	10	21	33	19	30	17	27	839	22	10	33	30	27	839	28	23	41	21	15	848
B. They match some of what I have learned.	48	10	7	46	34	48	35	33	24	839	48	7	34	35	24	839	52	13	40	25	21	843
C. They match just a little of what I have learned.	24	3	4	15	22	23	33	28	41	833	24	4	22	33	41	833	16	8	28	30	34	836
D. There is no match.	6	1	6	3	18	4	24	9	53	825	6	6	17	22	56	823	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	41	3	3	28	25	44	39	39	34	834	41	3	24	38	35	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	50	9	6	48	35	46	33	36	26	838	50	6	35	33	26	838	52	13	41	25	20	843
C. easier than my regular schoolwork	9	7	27	9	35	4	15	6	23	847	9	27	35	15	23	847	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	39	6	5	29	26	37	34	38	35	835	39	5	26	33	35	835	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	54	12	8	49	32	52	34	38	25	838	54	8	32	34	25	838	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	7	2	10	7	35	5	25	6	30	840	7	10	35	25	30	840	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	49	15	11	42	30	55	39	28	20	841	49	11	30	39	20	841	34	18	40	22	20	845
B. two or three days a week	28	4	5	30	38	29	36	17	21	839	28	5	38	36	21	839	35	14	38	26	21	843
C. two or three times each month	14	0	0	6	15	6	15	28	70	824	14	0	15	15	70	824	18	12	37	27	24	841
D. never or almost never	8	1	4	6	25	3	13	14	58	829	9	4	24	12	60	828	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	7	3	16	7	37	2	11	7	37	840	7	16	37	11	37	840	9	13	38	23	26	841
B. two or three days a week	20	3	5	28	48	11	19	16	28	841	20	5	48	19	28	841	17	11	37	26	26	841
C. two or three times each month	29	2	2	20	24	38	45	24	29	834	29	2	24	45	29	834	28	15	40	25	20	844
D. never or almost never	44	12	10	30	24	43	34	40	32	837	44	10	24	34	33	836	46	16	36	24	23	843
How do you feel about the following statement?																						
“My knowledge of mathematics will be useful to me as an adult.”																						
A. strongly agree	47	13	10	47	35	45	34	28	21	841	47	10	35	34	21	841	52	19	41	22	18	846
B. agree	41	7	6	28	24	41	35	40	34	835	41	6	24	35	34	835	39	11	35	27	27	840
C. disagree	8	0	0	7	32	6	27	9	41	832	8	0	30	26	43	831	6	7	28	26	39	835
D. strongly disagree	4	0	0	1	8	2	17	9	75	820	4	0	8	17	75	820	3	4	25	28	43	832
Optional school/SAU question																						
A.	27	1	13	1	13	3	38	3	38	836	27	13	13	38	38	836						
B.	20	1	17	1	17	3	50	1	17	840	20	17	17	50	17	840						
C.	33	2	20	0	0	3	30	5	50	831	33	20	0	30	50	831						
D.	20	0	0	1	17	1	17	4	67	824	20	0	17	17	67	824						

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	33	11	33	11	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	113	39	113	39	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	99	34	99	34	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	42	15	43	15	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	30.2	53.9	30.1	53.8	32.0	57.1
D. The Physical Setting	31	55	16.0	51.6	16.0	51.6	17.1	55.2
D1/D2 Earth/Space	17	30	9.1	53.5	9.1	53.5	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	6.9	49.3	6.9	49.3	7.7	55.0
E. The Living Environment	25	45	14.1	56.4	14.1	56.4	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	287	33	11	113	39	99	34	42	15	843	288	11	39	34	15	843	14263	15	47	26	12	846
Ethnicity																						
African American/Black	5	1	20	1	20	3	60	0	0	845	6	17	17	50	17	838	360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	4										4						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	278	32	12	110	40	95	34	41	15	843	278	12	40	34	15	843	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	53	1	2	4	8	23	43	25	47	828	54	2	7	43	48	827	2221	3	22	36	38	832
No	234	32	14	109	47	76	32	17	7	846	234	14	47	32	7	846	12042	17	51	24	7	848
Current LEP																						
Yes	3										4						331	4	20	39	37	832
No	284	33	12	111	39	99	35	41	14	843	284	12	39	35	14	843	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	92	5	5	33	36	35	38	19	21	840	92	5	36	38	21	840	5184	6	40	33	21	840
No	195	28	14	80	41	64	33	23	12	844	196	14	41	33	12	844	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	287	33	11	113	39	99	34	42	15	843	288	11	39	34	15	843	14258	15	47	26	12	846
Gender																						
Female	131	12	9	59	45	44	34	16	12	844	132	9	45	33	13	843	6953	14	47	28	11	846
Male	156	21	13	54	35	55	35	26	17	842	156	13	35	35	17	842	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	287	33	11	113	39	99	34	42	15	843	288	11	39	34	15	843	13435	16	48	25	12	846
Gifted/talented program																						
Yes	22	17	77	4	18	1	5	0	0	868	22	77	18	5	0	868	699	65	34	2	0	865
No	265	16	6	109	41	98	37	42	16	841	266	6	41	37	16	841	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 06
School: Bonny Eagle Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	9	1	4	3	12	12	48	9	36	830	9	4	12	48	36	830	8	8	34	28	30	837
B. less than one hour	57	19	12	69	42	58	35	18	11	844	57	12	42	35	12	844	51	14	48	27	11	846
C. one to two hours	28	12	15	33	41	27	33	9	11	845	28	15	41	33	11	845	36	19	48	24	9	848
D. more than two hours	6	1	6	7	44	2	13	6	38	837	6	6	44	13	38	837	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	22	13	20	30	47	16	25	5	8	848	22	20	47	25	8	848	23	27	47	17	8	851
B. good	51	18	12	55	38	54	37	18	12	844	51	12	38	37	13	843	53	15	50	26	10	847
C. fair	22	2	3	24	38	24	38	14	22	839	22	3	38	38	22	839	20	4	43	35	18	840
D. poor	5	0	0	3	23	5	38	5	38	830	5	0	23	38	38	830	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	27	9	12	39	50	25	32	5	6	847	27	12	50	32	6	847	26	20	49	23	9	849
B. They match some of what I have learned.	51	20	14	58	40	49	34	18	12	844	51	14	40	34	12	844	51	14	48	26	11	846
C. They match just a little of what I have learned.	17	4	8	13	26	20	40	13	26	838	18	8	25	39	27	837	18	13	44	28	15	844
D. There is no match.	5	0	0	2	15	5	38	6	46	826	5	0	15	38	46	826	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	34	8	8	35	37	35	37	17	18	841	34	8	36	36	19	840	32	13	45	28	14	844
B. about the same as my regular schoolwork	55	20	13	69	45	47	31	18	12	845	55	13	45	31	12	845	56	15	49	25	11	847
C. easier than my regular schoolwork	11	4	13	8	26	14	45	5	16	842	11	13	26	45	16	842	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	39	15	14	45	42	33	31	15	14	845	39	14	42	31	14	845	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	54	17	11	60	40	56	37	18	12	843	54	11	39	37	13	843	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	7	1	5	6	30	7	35	6	30	836	7	5	30	35	30	836	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	33	4	4	41	44	36	38	13	14	842	33	4	44	38	14	842	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	18	7	14	18	36	12	24	13	26	840	18	14	36	24	26	840	23	17	49	22	12	847
C. the course(s) described in B, plus physics	21	17	28	23	38	17	28	3	5	851	21	28	38	28	5	851	21	31	44	17	7	852
D. a life science and physical science class	28	5	6	28	36	32	41	13	17	839	28	6	35	41	18	838	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	25	11	16	36	51	18	26	5	7	849	25	15	51	25	8	848	27	23	47	20	10	849
B. agree	36	15	14	29	28	41	39	19	18	841	36	14	28	39	18	841	37	14	47	27	12	846
C. disagree	28	5	6	33	42	29	37	12	15	842	28	6	42	37	15	842	25	11	48	29	12	845
D. strongly disagree	11	2	6	14	44	11	34	5	16	841	11	6	44	34	16	841	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	24	11	16	31	44	19	27	9	13	846	24	16	44	27	13	846	31	22	46	22	10	849
B. agree	51	17	12	54	37	58	39	18	12	843	52	11	36	39	13	843	50	14	49	26	11	846
C. disagree	17	5	10	19	40	15	31	9	19	841	17	10	40	31	19	841	14	9	45	31	15	843
D. strongly disagree	7	0	0	8	38	7	33	6	29	836	7	0	38	33	29	836	5	3	38	34	25	837
Optional school/SAU question																						
A.	27	0	0	2	25	5	63	1	13	838	27	0	25	63	13	838						
B.	20	1	17	0	0	2	33	3	50	830	20	17	0	33	50	830						
C.	33	2	20	0	0	5	50	3	30	836	33	20	0	50	30	836						
D.	20	0	0	1	17	2	33	3	50	822	20	0	17	33	50	822						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number